

LIEBHERR

CONSTRUCTION EQUIPMENT



[(358628)] LIEBHERR R914 047334-1511 - Left Final Drive

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH	LH0243081	LH	---
Sample Date	23 Nov 2023	05 Jan 2023	22 Sep 2021	---
Machine Hours	3825	2731	0	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

L.A.H. EQUIPMENT INC.

9700 PLACE JADE

BROSSARD, QC

CA J4Y 3C1

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OIL CONDITION

Visc @ 40°C	cSt	179	182	195	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	0	<1	---
Sodium	ppm	2	2	4	---
Potassium	ppm	0	0	2	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	6	5	16	---
Copper	ppm	<1	0	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	0	0	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	<1	---
Manganese	ppm	0	0	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	4	13	12	---
Magnesium	ppm	<1	<1	2	---
Zinc	ppm	6	8	15	---
Phosphorus	ppm	2288	2422	2453	---
Barium	ppm	<1	0	3	---
Boron	ppm	2	<1	3	---

Depot: LAHBRO

Unique No: 5684155

Signed: Wes Davis

Report Date: 27 Nov 2023



GRAPHS

